

E-QUID: QUESTION / *Pediatric imaging*

## Painful lameness in a child

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### Case report

A 5-year-old girl consulted for painful intermittent lameness of the right leg that has been evolving for 2 weeks. The clinical examination revealed tumefaction at the root of the thigh and the presence of three pigment spots (Fig. 1). Upon questioning, the recent occurrence of vulvar bleeding was discovered. An X-ray of the right hip (Fig. 2) and a MRI of the pelvis (Figs. 3a, b and c) were performed.

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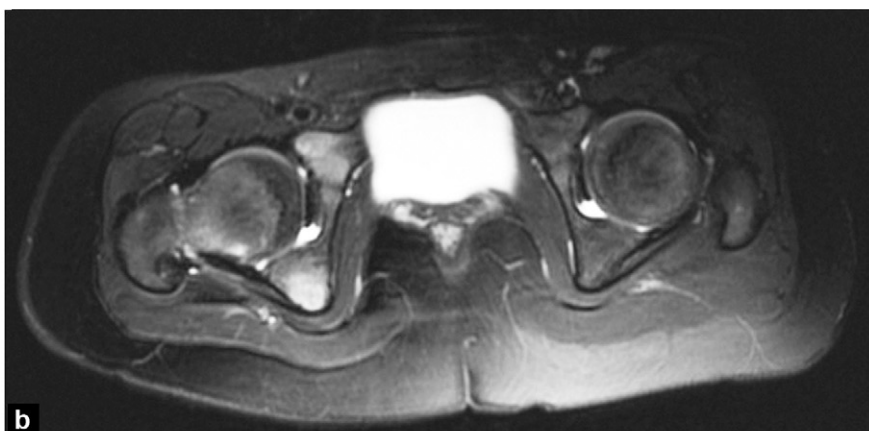
E-mail address: [mariekollen@yahoo.fr](mailto:mariekollen@yahoo.fr) (M. Kollen).



**Figure 1.** Photo of the neck.



**Figure 2.** Front X-ray of the right hip.



**Figure 3.** MRI of the pelvis. (a). Coronal section T2 weighted with saturation of the fat signal. (b). Axial section T2 weighted with saturation of the fat signal. (c). Coronal section T1 weighted after injection of Gadolinium and with saturation of the fat signal.

### What is your diagnosis?

After reading the case report, what diagnosis would you choose from the following proposals:

- metastatic neuroblastoma;
- fibrous dysplasia;
- aneurismal cyst;
- chondroma;
- Mac Cune-Albright syndrome.